



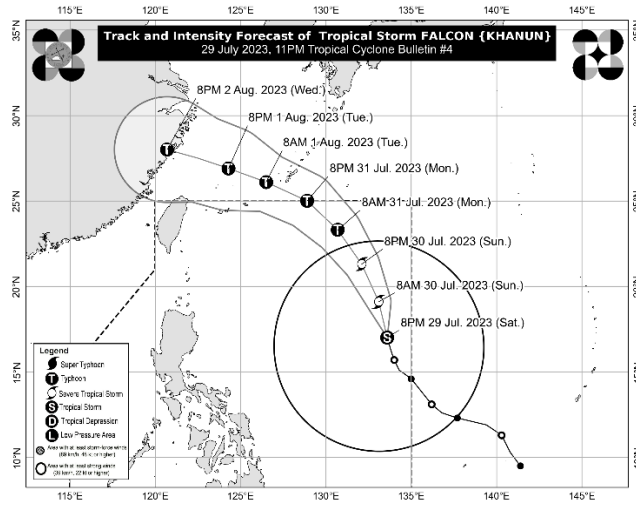
TROPICAL CYCLONE BULLETIN NO. 4
Tropical Storm FALCON (KHANUN)

Issued at 11:00 PM, 29 July 2023

Valid for broadcast until the next bulletin at 5:00 AM tomorrow.

FALCON FURTHER INTENSIFIES OVER THE PHILIPPINE SEA

Location of Center (10:00 PM)
The center of Tropical Storm FALCON was estimated based on all available data at 1,210 km East of Central Luzon or 1,235 km East of Northern Luzon (17.5°N, 133.4°E)
Intensity
Maximum sustained winds of 85 km/h near the center, gustiness of up to 105 km/h , and central pressure of 990 hPa
Present Movement
North Northwestward at 15 km/h
Extent of Tropical Cyclone Winds
Strong to gale-force winds extend outwards up to 760 km from the center





TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 AM 30 July 2023	19.1	133.1	1,225 km East of Extreme Northern Luzon	100	STS	NNW 20
24-Hour Forecast 8:00 PM 30 July 2023	21.3	132.1	1,070 km East of Extreme Northern Luzon	110	STS	NNW 20
36-Hour Forecast 8:00 AM 31 July 2023	23.3	130.7	955 km East Northeast of Extreme Northern Luzon	120	TY	NNW 20
48-Hour Forecast 8:00 PM 31 July 2023	25.0	128.9	865 km Northeast of Extreme Northern Luzon	130	TY	NW 20
60-Hour Forecast 8:00 AM 01 August 2023	26.1	126.5	760 km Northeast of Itbayat, Batanes (OUTSIDE PAR)	140	TY	WNW 25
72-Hour Forecast 8:00 PM 01 August 2023	26.9	124.3	725 km North Northeast of Itbayat, Batanes (OUTSIDE PAR)	140	TY	WNW 20
96-Hour Forecast 8:00 PM 02 August 2023	28.0	120.7	810 km North of Extreme Northern Luzon or in the vicinity of Zhejiang, China (OUTSIDE PAR)	120	TY	WNW 15

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

No Wind Signal hoisted at this time.

Prepared by: 
PCDM

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 Checked by: 
RPG



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

The Southwest Monsoon enhanced by Tropical Storm FALCON will bring occasional to monsoon rains over the western portions of Luzon and Visayas in the next three days. For more information, refer to **Weather Advisory #15 for Southwest Monsoon** issued at 11:00 PM today.

Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, **flooding and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

Severe Winds

The hoisting of Wind Signal due to FALCON over any locality in the country remains unlikely based on the current forecast scenario. However, the enhanced Southwest Monsoon will bring gusty conditions over the following areas, especially in coastal and upland/mountainous areas exposed to winds:

- **Today and tomorrow:** Zambales, Bataan, Pampanga, Bulacan, Metro Manila, Occidental Mindoro, Palawan, Romblon, Northern Samar, and most of CALABARZON, Bicol Region and Western Visayas.
- **Monday:** Ilocos Norte, Pangasinan, Zambales, Bataan, Pampanga, Bulacan, Metro Manila, Occidental Mindoro, Palawan, Romblon, Northern Samar, and most of CALABARZON, Bicol Region and Western Visayas.
- **Tuesday:** Ilocos Region, Abra, Benguet, Zambales, Bataan, Bulacan, Metro Manila, Bicol Region, and most of CALABARZON, MIMAROPA, and Western Visayas

HAZARDS AFFECTING COASTAL WATERS

Under the influence of the enhanced Southwest Monsoon, a **Gale Warning is in effect** over several coastal waters along the western seaboard of Luzon and Visayas. **Sea travel is risky for small seacrafts. For larger vessels, operating in gale conditions requires experience and properly equipped vessels. Mariners without proper experience or operating ill-equipped vessels are advised to remain in port or seek safe harbor.** For more information, refer to **Gale Warning #14** issued at 5:00 PM today.

TRACK AND INTENSITY OUTLOOK

- While over the Philippine Sea, FALCON is forecast to move north northwestward until tomorrow, then turn northwestward on Monday. On the track forecast, the tropical storm may exit the Philippine Area of Responsibility (PAR) on Monday afternoon or evening. Outside the PAR region, FALCON will turn west northwestward and pass close to Okinawa Islands in the Ryukyu Archipelago between Monday late evening and Tuesday morning. Afterwards, it will move over the East China Sea before making landfall along the east coast of China on Wednesday afternoon or evening.
- FALCON is forecast to steadily intensify within the next 3 days. It is forecast to become a typhoon between tomorrow late evening or on Monday morning and reach its peak intensity on Tuesday.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 AM tomorrow.

DOST-PAGASA

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